

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/795,991
Confirmation Number	2250
Filing Date	March 10, 2004
First Named Inventor	SHIN, Hyun-doo
Art Unit	2676
Examiner Name	To Be Assigned
Attorney Docket Number	Q80410

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
GFC		WU P. et al.: "A Texture Descriptor for Image Retrieval and Browsing" Content-Based Access of Image and Video Libraries, 1999. (CBAIVL '99). Proceedings. IEEE Workshop on Fort Collins, Co., USA, 22 June 1999, Los Alamitos, CA, USA, IEEE Comput. Soc, US 1999, pages 3-7, XP010343827 ISBN: 0-7695-0034-X	
GFC		PORAT M. et al.: "Localized Texture Processing in Vision: Analysis and Synthesis in the Gaborian Space" IEEE Transactions on Biomedical Engineering, IEEE Inc. New York, US, Vol. 36, No. 1, January 1989, pages 115-129, XP000120752 ISSN: 0018-9294 page 120, right-hand, line 30-page 122, right-hand column, line 17	
GFC		HAMAMOTO Y. et al.: "A Gabor filter-based method for recognizing handwritten numerals" Pattern Recognition, Pergamon Press Inc. Elmsford, N.Y. US, Vol. 31, No. 4, April 1, 1998, pages 395-400, XP004108142 ISSN: 0031-3203, page 395, left-hand column, line 13- right-hand column, line 20	
GFC		MANDUCHI R. et al.: "Independent Component Analysis of Textures" Proceedings of the Seventh IEEE International Conference on Computer Vision. (ICCV 99). Kerkyra, Greece, September 20-27, 1999, International Conference on Computer Vision, Los Alamitos, CA. IEEE Comp. Press, US, Vol. 2, CONF 7, September 20, 1999 pages 1054-1060, XP000883734 ISBN: 0-7695-0165-6 page 1055, left-hand column, line 32-page 1057, right-hand column, line 2	

Examiner Signature	<i>A. E. Cunningham</i>	Date Considered	12/13/04
--------------------	-------------------------	-----------------	----------

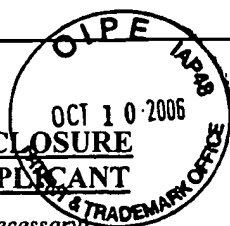
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A &amp; B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)



## Complete if Known

Application Number	10/795,991
Confirmation Number	2250
Filing Date	March 10, 2004
First Named Inventor	Hyun-doo SHIN
Art Unit	2628
Examiner Name	Gregory F. CUNNINGHAM
Attorney Docket Number	Q80410

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
JFC		US 5,751,286		05/12/1998	BARBER, et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
JFC		Manjunath, et al., "Texture Features for Browsing and Retrieval of Image Data", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 18, No. 8, August 1996.	
JFC		Ma et al., "Edge Flow: a Framework of Boundary Detection and Image Segmentation", IEEE Computer Society Conference on Computer Vision and Pattern Recognition, June 1997, Pages 744-749	

Examiner Signature	J.F. Cunningham	Date Considered	11/7/06
--------------------	-----------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.